BenoÃ®t Zerr

List of Publications by Year
in descending order

12	106	1478280	1372474
papers	**citations**	6	10
		h-index	**g-index**

12	12	12	101
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	Intensity-Based Block Matching Algorithm for Mosaicing Sonar Images. IEEE Journal of Oceanic Engineering, 2011, 36, 627-645.	2.1	27
2	Multiaspect Classification of Sidescan Sonar Images: Four Different Approaches to Fusing Single-Aspect Information. IEEE Journal of Oceanic Engineering, 2010, 35, 863-876.	2.1	18
3	Pattern formation of multi-AUV systems with the optical sensor based on displacement-based formation control. International Journal of Systems Science, 2020, 51, 348-367.	3.7	18
4	An Interval Approach to Compute Invariant Sets. IEEE Transactions on Automatic Control, 2017, 62, 4236-4242.	3.6	10
5	Bracketing the solutions of an ordinary differential equation with uncertain initial conditions. Applied Mathematics and Computation, 2018, 318, 70-79.	1.4	9
6	Incremental clustering of sonar images using self-organizing maps combined with fuzzy adaptive resonance theory. Ocean Engineering, 2017, 142, 133-144.	1.9	6
7	Design and control of a low-cost autonomous profiling float. Mechanics and Industry, 2020, 21, 512.	0.5	6
8	Bracketing backward reach sets of a dynamical system. International Journal of Control, 2020, 93, 2528-2540.	1.2	3
9	Segmentation des images sonar latéral assurant l'invariance en rasance. Traitement Du Signal, 2013, 30, 119-148.	0.8	3
10	Design and field testing of a non-linear single-beam echosounder for multi-frequency seabed characterization. Applied Acoustics, 2022, 187, 108490.	1.7	3
11	Kleene Algebra to Compute Invariant Sets of Dynamical Systems. Algorithms, 2022, 15, 90.	1.2	2
12	Optimization of Acoustic Communication Links for a Swarm of AUVs: The COMET and NEMOSENS Examples. Applied Sciences (Switzerland), 2021, 11, 8200.	1.3	1